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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/742,347	12/22/2000	Ronald Brett Buckingham	583P12US	8211

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EXAMINER

BARQADLE, YASIN M

ART UNIT	PAPER NUMBER
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2153

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Please find below and/or attached an Office communication concerning this application or proceeding.

PL4

<b>Office Action Summary</b>	Application No. 09/742,347	Applicant(s) BUCKINGHAM ET AL.	
	Examiner Yasin M Barqadle	Art Unit 2153	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7 is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

Art Unit: 2153

### DETAILED ACTION

Claims 1-7 are presented for examination.

#### *Claim Objections*

Claim 1 is objected to because of the following informalities: the Claim recites the limitation "end date" in line 25. It should read, ``end data''. Appropriate correction is required.

#### *Claim Rejections - 35 USC § 112*

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 5 recites the limitation "said application server" in line 11. There is insufficient antecedent basis for this limitation in the claim. Appropriate correction is required.

#### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the

Art Unit: 2153

United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 and 5 are rejected under 35 U.S.C. 102(e) as being anticipated by Hawkins US Pub (20010032254).

As per claim 1, Hawkins teaches a system (fig. 1) for enabling multiple types of end user devices (fig. 1, 100 and paragraphs 0047 and 0083) to access an Internet-based application (abstract), said system comprising:

An AMI component (Fig. 1, CGI 142) communicating with said application [The web server 140 includes a CGI (Common Gateway Interface) program 142 which is responsible for generating the HTML page 144, page 4, paragraph 0073];

a DMI component communicating with said devices [Fig.6, message formatting layer 620 and paragraph 0245];

a broker module (fig. 1, Proxy Server 180) communicating with said DMI component and with said AMI component (Proxy server communicates application interface and device program interfaces paragraph 0074), wherein

said DMI component converts end data received from said broker module into a format suitable for said devices [The message formatting layer 620 converts CML messages from the network into a format compatible with the wireless communications device 100, page 30, paragraph 0245-0246];

said DMI component transmits replies to prompts from said broker module based on an end user's input into said devices [page 5, paragraphs 0073 and 0085; page 30, paragraph 0245-0247];

Art Unit: 2153

said broker module emulates a sequence of events and decisions followed by said application [page 5, paragraphs paragraph 0073-0074];

said broker module requests application data from said AMI component based on said broker module emulating said application [FIG. 1, includes a number of arrows indicating queries and responses. See page 5, paragraphs 0073 and page 6, paragraph 0093];

said AMI component receives requests from said broker module and transmits replies to said requests to said broker module based on original data from said application [FIG. 1, includes a number of arrows indicating queries and responses. See page 5, paragraphs 0073 and page 6, paragraph 0093],

said broker module transmits end data (query response) to said DMI component (FIG. 1, includes a number of arrows indicating queries and responses. See page 5, paragraph 0080-0083 and page 6, paragraph 0093) said end data being (query response) based on at least one factor chosen from the group comprising:

said broker module's emulations of said application paragraph [page 5, paragraph 0073 and page 6, paragraph 0093]; and

application data received from said AMI component [page 5, paragraph 0073 and page 6, paragraph 0093].

As per claim 5, Hawkins teaches a method (fig. 1) for enabling multiple types of end user devices (fig. 1, 100 and paragraphs

Art Unit: 2153

0047 and 0083) to access an Internet-based application (abstract), said method comprising:

emulating a sequence of events and decisions followed by said application at a broker module (fig.1, Proxy Server 180) [page 5, paragraphs 0073 and page 6, paragraph 0093];

requesting application data from an AMI component based on an emulation of said application by said broker module, said AMI component communicating with said application [page 5, paragraphs 0073 and paragraph 0078]; and

transmitting application data requested to said broker module from said application server (Fig. 1, web server transmits response of requested to data to Proxy server 180) , said application data being based on original data received from said application by said AMI component [page 5, paragraph 0080-0083 and page 6, paragraph 0093],

transmitting end data to a DMI component [page 5, paragraph 0080-0083 and page 6, paragraph 0093], said end data being based on at least one factor chosen from the group comprising:

said broker module's emulation of said application [page 5, paragraph 0073 and page 6, paragraph 0093];

application data received from said component [page 5, paragraph 0080-0083 and page 6, paragraph 0092-0093]; and

converting said end data at said DMI component into a format suitable for an end user device communicating with said DMI component [The message formatting layer 620 converts CML messages

Art Unit: 2153

from the network into a format compatible with the wireless communications device 100, page 30, paragraph 0245-0246].

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-4 and 6-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hawkins US Pub(20010032254) in view of Brandt et al USPN(6377993).

As per claim 2, although Hawkins shows substantial features of the claimed invention, he does not explicitly show a session manager.

Nonetheless, this feature is well known in the art and would have been an obvious modification of the system disclosed by Hawkins, as evidenced by Brandt et al USPN(6377993).

In analogous art, Brandt et al whose invention is about Intranet/Internet/Web-based data management tool that provides a common GUI which enables customers to access their own relevant data information timely, rapidly and accurately through the GUI client interface, disclose a secure sever for managing client

Art Unit: 2153

sessions over the Internet [Col. 4, lines 35-37 and col. 6, lines 20-24].

Giving the teaching of Brandt et al, a person of ordinary skill in the art would have readily recognized the desirability and the advantage of modifying Hawkins by employing the session management system of Brandt et al in order to provide secure socket connection enabling encrypted communications between user browser application and web server applications [Col. 4, lines 28-58].

Brandt et al teach the invention further including a session manager for managing a session between an end user device and said application (Col. 4, lines 35-37 and col. 6, lines 20-24), said session manager storing variables and data received from said application by said AMI component, said session manager communicating with said AMI component [col. 6, lines 20-43].

As per claim 3, Brandt et al as modified teach the invention wherein said session manager is internal to said AMI component [col. 6, lines 20-24].

As per claim 4 and 6, Brandt et al as modified teach the invention further including an authentication manager for determining whether an end user device requesting access to said application is entitled to said access [col. 8, lines 59 to col. 9, line -41. see also col. 39, line 13-48].



Art Unit: 2153

As per claim 7, Brandt et al as modified teach the invention further including managing a session between said end user device and said application (Col. 4, lines 35-37) by storing variables and data received from said application by said AMI component, said session being managed by a session manager [col. 6, lines 20-43].

### Conclusion

The prior made of record and not relied upon is considered pertinent to applicant's disclosure.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yasin Bargadle whose telephone number is 703-305-5971. The examiner can normally be reached on 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Burgess can be reached on 703-305-4792. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Yasin Bargadle

Art Unit 2153



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